

PRNDOS

Preventive Radiological/Nuclear Detection On-Site Program Component Suite of Courses

1) PER-243

Primary Screener/Personal Radiation Detector (PRD) Course

2) PER-245

Secondary Screener/Radiation Isotope Identifier Device Course (SS/RIID)

3) PER-246

Primary Screener Backpack Basic Course (PS/BB)

- » These classes are offered as a full-week training program at the Nevada National Security Site. The classes are offered for students from jurisdictions unable to meet the minimum class size required to justify a mobile training team.
- » Students enrolled in this program are required to attend all three courses.

Course Objectives

Note: Refer to the individual course descriptions for each course listed below.

- PRD Course (PER-243¹)
This one-day course trains the Primary Screener to perform a preliminary radiological assessment with a personal radiation detector (PRD). Skills taught include operating a PRD to detect radiation, locate a source, measure radiation levels, assess the threat status of a situation, categorize threats and adjudicate alarms.
- PS/BB Course (PER-246²)
Like the Primary Screener/PRD course, this one-day course focuses on the duties of the primary screener, however it uses human-portable radiation detector systems (backpacks).
- SS/RIID Course (PER-245³)
Secondary Screeners must perform radiological assessments with radio-isotope identification devices

1, 2, 3 Stand alone course when delivered

(RIIDs). This two-day course trains participants to operate RIIDs to detect radiation, locate the source and measure the radiation level, identify radioactive isotopes, assess the threat status of a situation, adjudicate the alarms by categorizing threats, performing reachback, and resolving alarms.

Target Audience/Discipline

Law Enforcement, Fire Service, Hazardous Materials, Private Sector/Corporate Security and Safety Professionals, Search and Rescue, Transportation Security

Eligibility

It is the responsibility of the jurisdiction to select course participants.

Min/Max Enrollment: **16–18**

Hours: **28 hours (4 days)**

CEUs: **N/A**

Format: **RESIDENT**

DHS Course #: **(1) PER-243, (2) PER-246, (3) PER-245**

Prerequisites:

AWR-140/AWR-140-W

Introduction to Radiological/Nuclear WMD Operations

Other Prerequisites:

Applicants should be law enforcement and public safety officers from jurisdictions that currently own or are scheduled to receive instruments used for detection and identification of radiological materials.



Instruments used for detection and identification of radiological materials taught in this course—CTOS/NNSA